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coders Rao, A.V.; Ahmadi, S.; Linden, J.; Gersho, A.; Cuperman, V.; Heidari, R.;

Speech and Audio Processing, IEEE Transactions on , Volume: 11 , Issue: 6 , Nov. Pages:648 - 659

Pages:919 - 922

[Abstract] [PDF Full-Text (781 KB)] IEEE JNL

2 Equal observation interval comparison of maximum entropy and weighted overlapped segment averaging spectrum estimation techniques Dyson, T.; Rao, S.; Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on , Volume: 29 , Issue: 4 , Aug 1981

http://ieeexplore.ieee.org/search/searchresult.jsp?SortField=Score&SortOrder=desc&ResultCount=15&coll1=ieeejrns&coll2=ieejr... 3/29/04

Search Results

Page 2 of 3

# [Abstract] [PDF Full-Text (504 KB)] IEEE JNL

3 Group delay processing of radar signals Raju, K.; Reddy, G.; Rao, V. Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '86. , Volume: 11 , Apr 1986 Pages: 1933 - 1936

[Abstract] [PDF Full-Text (192 KB)] IEEE CNF

4 A novel approach to excitation coding in low-bit-rate high-quality CELP

Cuperman, V.; Gersho, A.; Linden, J.; Rao, A.; Tung-Chiang Yang; Ahmadi, S.; Heidari, R.; Fenghua Liu; Speech Coding, 2000. Proceedings. 2000 IEEE Workshop on , 17-20 Sept. 2000 Pages: 14 - 16

[Abstract] [PDF Full-Text (312 KB)] IEEE CNF

5 Multirate vector quantization of image pyramids

Rao, R.P.; Pearlman, W.A.; Acoustics, Speech, and Signal Processing, 1991. ICASSP-91., 1991 International Conference on , 14-17 April 1991 Pages: 2657 - 2660 vol.4

[Abstract] [PDF Full-Text (552 KB)] IEEE CNF

6 Effect of spatial smoothing on the performance of noise subspace methods

Rao, B.D.; Hari, K.V.S.; Acoustics, Speech, and Signal Processing, 1990. ICASSP-90., 1990 International Conference on , 3-6 April 1990 Pages: 2687 - 2690 vol. 5

[Abstract] [PDF Full-Text (276 KB)] IEEE CNF

No.	Publication No.	J value of a control of the control
1. 3	2003 - 280664	DEVICE AND METHOD FOR TIME STRETCHING OF MUSICAL WAVEFORM
2. 2	2003 - 244647	IMAGE RECORDING APPARATUS FOR MONITORING
3. 2	2003 - 207675	QUARTZ-BASED OPTICAL FIBER AND ITS MANUFACTURING METHOD
4. 2	2003 - 183774	STRIP FOR SHADOW MASK HAVING SATISFACTORY SHAPE AFTER BEING ETCHED
5. 2	2003 - 078890	DIGITAL BROADCAST TRANSMITTER, DIGITAL BROADCAST RECEIVER, DIGITAL BROADCAST TRANSMISSION METHOD, DIGITAL BROADCAST RECEPTION METHOD, AND PROGRAM
6. 2	2003 - 069997	MOVING PICTURE ENCODER
7. 2	2003 - 021470	SYSTEM AND METHOD FOR FEEDING MATERIAL
8. 2	2002 - 278585	NOISE-REMOVING DEVICE
9. 2	2002 - 261850	DEMODULATOR OF ANGLE MODULATION SIGNAL
10. 3	2002 - 219847	PRINTER, METHOD OF INFORMING OF RESIDUAL AMOUNT OF PRINTING AGENT, AND PROGRAM
11. 2	2002 - 044138	NETWORK SYSTEM, CACHE SERVER, RELAY SERVER, ROUTER, CACHE SERVER CONTROL METHOD AND RECORDING MEDIUM
12. 2	2001 - 297539	DIGITAL SIGNAL REPRODUCING DEVICE
13. 2	2001 - 233147	BUMPER BEAM STRUCTURE
14. 2	2001 - 157231	VERTICAL DEFLECTION CIRCUIT FOR INSPECTING CRT
15. 2	2001 - 086502	IMAGE PROCESSOR
16. 2	2001 - 047717	RESIDUAL QUANTITY DETECTOR FOR INK RIBBON
-	2000 - 357368	OPTICAL DISK RECORDING DEVICE
18. 2	2000 - 307093	METHOD OF MAXIMIZING SUBSTRATE USAGE
19. 2	2000 - 156798	GHOST ELIMINATING DEVICE
20. 2	2000 - 031568	POWER SUPPLY EQUIPMENT FOR PULSE LASER
21. ]	11 - 296809(1999)	THIN FILM MAGNETIC HEAD
22. <u>I</u>	11 - 095785(1999)	VOICE SEGMENT DETECTION SYSTEM
23. ]	11 - 084055(1999)	REACTOR COOLING SYSTEM
24. <u>I</u>	11 - 069654(1999)	SELF-POWER CONTROL AND ITS CONTROL METHOD
25. <u>I</u>	11 - 034990(1999)	METHOD AND STRUCTURE FOR PROPELLING FLUID FLOATING VEHICLE AND REDUCING ITS DRAG
26. ]	11 - 024445(1999)	TRANSFER DEVICE
27. 1	10 - 321927(1998)	PIEZOELECTRIC TRANSFORMER
28. 1	10 - 294132(1998)	CAPACITY ESTIMATING METHOD FOR LEAD-ACID BATTERY
29. <u>1</u>	10 - 082841(1998)	RESIDUAL CAPACITY ESTIMATING METHOD FOR BATTERY FOR ELECTRIC VEHICLE
30. 0	<u> 19 - 327431(1997)</u>	DISHWASHER

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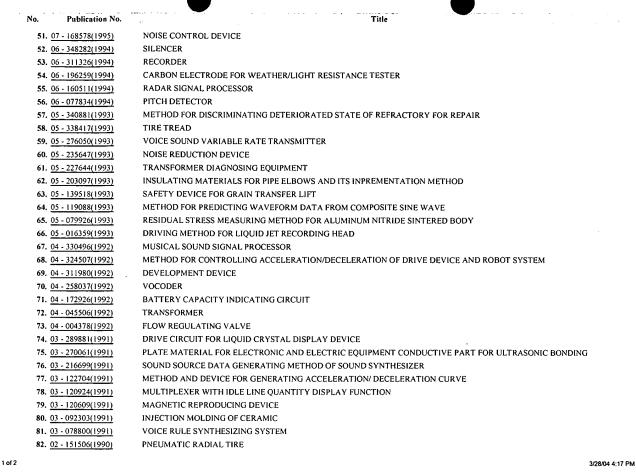
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DATA TRANSMITTER
MULTIPLEXER
AUDIO SIGNAL CODING METHOD AND AUDIO SIGNAL CODER
TESTER FOR SECONDARY BATTERY
WAVEFORM-ANALYZING METHOD USING WAVEFORM OF OPTIONAL SECTION
TEMPERATURE CONTROL METHOD FOR HEATING FURNACE
DEVICE FOR SUPPORTING RESIDUAL PILE OF SHEETS TO BE PRINTED DURING AUTOMATIC PILE CHANGE AND METHOD FOR OPERATING THIS DEVICE
DIGITAL ELECTRONIC CAMERA AND METHOD FOR DISPLAYING REMAINING RECORDING MEDIUM CAPACITY
QUANTIZER AND QUANTIZING METHOD
METHOD AND DEVICE FOR JUDGING TIMING OF COMPLETION OF IRON TAPPING FROM TAP HOLE OF BLAST FURNACE
MAGNETIC HEAD DEVICE
LIQUID CRYSTAL DISPLAY DEVICE
IMPULSE DRIVING POINT EXTRACTING METHOD AND PITCH WAVEFORM EXTRACTING METHOD AND DEVICE THEREFOR
SPEECH CODING AND DECODING DEVICE
NOISE CONTROLLER
SONIC VELOCITY MEASURING METHOD FOR SOLID MATERIAL AND ULTRASONIC PROBE
VOICE CODING SYSTEM
ACTIVE SILENCER
VOICE ANALYZING AND SYNTHESIZING DEVICE
METHOD FOR GENERATING HISTOGRAM REPRESENTING ARRIVAL CELL NUMBER OF ATM EXCHANGE

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83. <u>02 - 107471(1990)</u>	METHOD AND APPARATUS FOR DIRECT ACTING BODY AND PRINTER
84. <u>01 - 217594(1989)</u>	MARKER
<b>85.</b> <u>01 - 155762(1989)</u>	PICTURE COMMUNICATION EQUIPMENT
<b>86.</b> <u>01 - 134400(1989)</u>	PITCH FREQUENCY CONTROL SYSTEM FOR RESIDUAL DRIVING TYPE VOICE SYNTHESIZER
87. <u>64 - 078717(1989)</u>	MATERIAL FEEDING METHOD FOR CUTTING MACHINE
88. <u>64 - 073087(1989)</u>	FORMATION OF METALLIC PATTERN
89. <u>64 - 047170(1989)</u>	FACSIMILE EQUIPMENT
90. <u>64 - 041873(1989)</u>	AUTOMATICALLY INSULATION DIAGNOSING APPARATUS
91. <u>64 - 000999(1989)</u>	PITCH POSITION EXTRACTING SYSTEM
92. <u>63 - 286520(1988)</u>	HEAT TREATMENT OF HEAT TRANSFER PIPE OF HEAT EXCHANGER FOR NUCLEAR REACTOR
93. <u>63 - 261925(1988)</u>	DECODER FOR ADAPTIVE PREDICTING CODE SIGNAL
94. 63 - 232962(1988)	GRINDING METHOD
95. <u>63 - 224532(1988)</u>	FM INTERFERENCE WAVE SUPPRESSING SYSTEM
96. <u>63 - 198310(1988)</u>	NOISE FILTER
97. <u>63 - 181235(1988)</u>	MANUFACTURE OF CATHODE-RAY TUBE
98. <u>63 - 142675(1988)</u>	SEMICONDUCTOR SWITCHING DEVICE
99. <u>63 - 111739(1988)</u>	VOICE CODING TRANSMITTER
<b>100.</b> <u>62 - 260362(1987)</u>	SOLID-STATE IMAGE PICKUP DEVICE

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No. Publication	Title
101. 62 - 247236(1987)	FATIGUE AND RESIDUAL LIFE EVALUATION OF MECHANICAL PART
102. 62 - 238622(1987)	
103. 62 - 231527(1987)	
104, 62 - 217869(1987)	ULTRASONIC TORSIONAL CONNECTOR
105. 62 - 210892(1987)	PICKING-OUT METHOD FOR MOTOR
106. 62 - 206990(1987)	BAND COMPRESSING SYSTEM FOR COMPONENT VIDEO SIGNAL
107. 62 - 196783(1987)	CARD DEVICE
108. 62 - 189833(1987)	VOICE CODING AND DECODING DEVICE
109. 62 - 075405(1987)	POLARIZATION PLANE MAINTAINING OPTICAL FIBER
110. 62 - 062281(1987)	SEISMIC DETECTION/ALARM RECORDER
111. 62 - 033662(1987)	CONTROL SYSTEM OF MOTOR FOR PRINTER
112. 61 - 244243(1986)	ROTARY ELECTRIC MACHINE
113, 61 - 233929(1986)	METHOD FOR REPRODUCING NECK OF CATHODE-RAY TUBE
114. 61 - 206361(1986)	RESIDUAL IMAGE ERASING DEVICE FOR STORAGE FLUORESCENT SHEET
115. <u>61 - 206350(1986)</u>	INTERFERENCE WAVE ELIMINATING DEVICE
116. 61 - 117586(1986)	ELECTRIFIED POTENTIAL STABILIZING METHOD OF ELECTROPHOTOGRAPHIC SENSITIVE BODY
117. 61 - 115312(1986)	DEMAGNETIZING DEVICE FOR STEEL MATERIAL
118. 61 - 093665(1986)	MANUFACTURE OF SEMICONDUCTOR DEVICE
119. <u>61 - 089737(1986)</u>	VOICE ANALYSIS AND SYNTHESIS DEVICE
120. 61 - 010481(1986)	THERMAL TRANSFER TYPE PRINTER
121. 60 - 232860(1985)	SURFACE POLISHING/FINISHING MACHINE FOR WIDE BAND STEEL
122. <u>60 - 172847(1985)</u>	ADAPTIVE FORECAST CODING SYSTEM
123. <u>60 - 172846(1985)</u>	CODER
124. <u>60 - 172845(1985)</u>	CODER
125. <u>60 - 157447(1985)</u>	RECORDING MATERIAL ROLL HAVING RESIDUAL AMOUNT INDEX AND RESIDUAL AMOUNT INDEX DETECTOR
126. <u>60 - 109954(1985)</u>	AUTOMATIC PHASE CONTROL SYSTEM
127. <u>60 - 091637(1985)</u>	REDUCED PROJECTION EXPOSING DEVICE
128. <u>60 - 020214(1985)</u>	SERVO DEVICE OF ROBOT
129. <u>60 - 010821(1985)</u>	ADAPTIVE ECHO CANCELLOR
130, <u>59 - 203967(1984)</u>	DETECTION SYSTEM FOR WIRE BREAKING OF UNGROUNDED SYSTEM DISTRIBUTION LINE
131. <u>59 - 158564(1984)</u>	MANUFACTURE OF FIELD-EFFECT TRANSISTOR
132. <u>59 - 134361(1984)</u>	EXHAUST GAS PURIFIER ASSOCIATED WITH AIR/FUEL RATIO DETECTING FUNCTION
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<b>133.</b> <u>59 - 105301(1984)</u>	FERRITE MAGNET
134. <u>58 - 183546(1983)</u>	DEVICE FOR DISPLAYING RESIDUAL QUANTITY OF PAPER
<b>135.</b> <u>58 - 055128(1983)</u>	METHOD AND APPARATUS FOR CONTINUOUS COLD ROLL FORMING OF CHANNEL STEEL
136. <u>57 - 174764(1982)</u>	WORD CUTTING DEVICE
137. <u>57 - 124630(1982)</u>	GAS SENSOR TYPE MICROWAVE HEATING APPARATUS
138. <u>57 - 099206(1982)</u>	PRODUCTION OF TURBINE ROTOR
<b>139.</b> <u>57 - 097202(1982)</u>	VARIABLE ATTENUATOR
140. <u>57 - 084349(1982)</u>	EDDY CURRENT TYPE FLAW DETECTION SYSTEM
<b>141.</b> <u>56 - 096016(1981)</u>	PRODUCTION OF HOT ROLLED RAW SHEET MADE OF UNIDIRECTIONAL SILICON STEEL
142. <u>56 - 089342(1981)</u>	SHEET STEEL FOR EASY-TO-OPEN CAP
143. <u>55 - 082579(1980)</u>	SCRAMBLE, DISCRAMBLE SYSTEM IN VIDEO TRANSMISSION SYSTEM
144. <u>54 - 100659(1979)</u>	HOT CATHODE

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ı		US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or		
		US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj		
1		predict\$4) and inver\$6 with synthe\$6 with filter\$4) and time adj warp\$4	1	

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predict\$4) and inver\$6 with synthe\$6 with filter\$4) and warp\$4 with time	
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US-5648989-\$ or US-4561102-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or	l l
US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or	
US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj	ŀ
predict\$4) and inver\$6 with synthe\$6 with filter\$4) and (celp)	•
	PAT: 2004/03/29 10:3
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predict\$4) and inver\$6 with synthe\$6 with filter\$4) and (celp stochastic)	
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US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj	1
predict\$4) and inver\$6 with synthe\$6 with filter\$4) and (celp stochastic code adj excit\$4)	

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	1	US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or		
	1	US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj		
	1	predict\$4) and inver\$6 with synthe\$6 with filter\$4) and (celp stochastic) and ( code with excit\$4)		
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	i	(linear adj prediction with residual) same frame and (linear adj prediction with residual) same (irregular\$4		
		with spac\$4 with dominant with peak) and (divid\$4 with residual same ( contiguous non-overlapping)		
		and ideal\$4 with signal)		
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		(linear adj prediction with residual) same frame and (linear adj prediction with residual)		İ
	0	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"		
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		with spac\$4 with dominant with peak)		1
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		(linear adj prediction with residual) same (irregular\$4 with spac\$4 with dominant with peak)	l	L

-	0	(((("6014622" "578188	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:38
-	0	(((inear adj prediction with residual) same (irregular\$4 with spac\$4 with dominant with peak\$4) ((((inear adj prediction with residual) same (irregular\$4 with spac\$4 with dominant with peak\$4) ((((*0014622" "5781880" "6113853" "6188979" "6345248" "6243673" "63115687" "6205423" "632931" "632943" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "637923" "6379723" "6397178" "649590" "5802109" "4850022" "5913187" "60052659" "4301329" "4477925" "4593398" "5649899" "4540488" "4544919" "4551102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6026541" "6041302" "60443763" "6094628" "6118392"),pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:38
-	0	) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (irregular\$4 with spac\$4 with dominant with peak\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/27 07:38
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-	190	( spac\$4 with (peak\$4 maxim\$6)) and 704/.ccls.	USPAT;	2004/03/27 07:39
	1		US-PGPUB;	i i
1			EPO; JPO;	
1			DERWENT	
1			IBM_TDB	
1 -	72	【((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT;	2004/03/27 07:39
ļ		<u>"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"</u>	US-PGPUB:	
1		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO: JPO:	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT:	!
l		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TDB	l i
		"6028541" "6041302" "6043763" "6094628" "6118392"),pn.	_	
1		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$),did.)) and (@ad @pd @prad)<=20010629) and	1	!!
l		(LP\$4 or CELP or RCELP or linear adj predict\$4)		1
١.	11	((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT:	2004/03/29 09:44
1		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB:	
1		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO: JPO:	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT:	i i
ļ		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TD8	l i
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.		
1	1	) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		1
	1	(LP\$4 or CELP or RCELP or linear adj predict\$4)) and inver\$6 with synthe\$6 with filter\$4		i i
1_	9		USPAT:	2004/03/27 07:40
I -		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB:	2004/03/27 07.40
1		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO: JPO:	l i
1		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT:	l i
I	1	"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TDB	
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.	10M_10B	]
1		((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
i		(LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual	1	ŀ
1	0		USPAT:	2004/03/27 07:40
1-	0			2004/03/27 07:40
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"   "83074781" "6377923"   "83074781" "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "8307481"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "83074781"   "8307481"   "83074781"   "83074781"   "83074781"   "83074781"   "8307481"   "83074781"   "8307481	US-PGPUB; EPO: JPO:	
	1	"6397176" "6397176" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"		
1		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
t	1 :	"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
	1	"6028541" "6041302" "6043763" "6094628" "6118392").pn.		
	+ !	) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
i	1 !	(LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual)	1	
L		and (regular with array) same (maxim\$4 peak domina\$4)	l	

-	0	\(\(\(\(\(\(\)\"6014622" "5781866 "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "57783	USPAT;	2004/03/27 07:40
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
	į.	"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	
i		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
1		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
1	1	"6028541" "6041302" "6043763" "6094628" "6118392").pn.		
	1	) ((US-5704003-\$) did. or (EP-764940-\$ or US-6330533-\$) did.)) and (@ad @pd @prad)<=20010629) and		
	1	(LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual)		
	1	and (array) same (maxim\$4 peak domina\$4)		
-	0	\((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT;	2004/03/27 07:40
l	1	"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
	1	[ "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
]		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TDB	1
1		[ "6028541" "6041302" "6043763" "6094628" "6118392").pn.	_	1
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
1		(LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual)		
		and (regular with (list\$4 array\$4 matri\$4 group\$4 collect\$4 select\$4 assort\$4)) same (maxim\$4 peak		
	1	domina\$4)	1	
-	0	1 111 0.0.000 0.0000 0.00000 0040000 01.0000 01.0000	USPAT;	2004/03/27 07:41
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
	i .	[ "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.	_	
	1	) ((US-5704003-\$) did. or (EP-764940-\$ or US-6330533-\$) did.)) and (@ad @pd @prad)<=20010629) and		
i	1	inverse adj3 synthesis adj3 filter	İ	
-	46	inverse adj3 synthesis adj3 filter	USPAT;	2004/03/27 07:41
i			US-PGPUB;	i
			EPO; JPO;	ļ
	i		DERWENT;	!
	_		IBM_TDB	1
-	64	time adj warp and 704/.ccls. and (@ad @pd @prad)<=20010629	USPAT;	2004/03/27 07:41
			US-PGPUB;	1
			EPO; JPO;	l
			DERWENT;	
			IBM_TDB	
-	364	time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629	USPAT;	2004/03/27 07:41
1			US-PGPUB;	1
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	99		USPAT;	2004/03/27 07:41
	1 ,	"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
	1	"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	
'	1 :	"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
	1 :	"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
	Į į	"6028541" "6041302" "6043763" "6094628" "6118392").pn.	ı	i
	l			L

Search History 3/29/04 11:52:50 AM Page 7 C:\APPS\EAST\Workspaces\09896272.wsp

-	3	(US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$),did.	USPAT:	2004/03/27 07:41
	l .		DERWENT	
-	1	09/896,272	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/27 07:41
-	1	\(((\(^6014622"\)^5781880"\)^8113653"\)^818879"\\^8345248"\\^8243673\\^831\\^862943"\\^878262943\\^8778234\\\^875307460\\^875657419'\\^5799271'\\^86033004'\\^86033061'\\^86377923'\\^86397178'\\^8649590'\\^5802109'\\^4850022'\\^5913187'\\^8607559'\\^3630531'\\^86377925'\\^4459025'\\^4850022'\\^5913187'\\^86075599\\^437925'\\^4459086'\\^454919''\\^4561102''\\^4811398''\\^5206884''\\^5550859''\\^561852''\\^5699483'\\^5774856'\\^5797119''\\^861102''\\^5999899'\\^6009387''\\^86028541''\\^6041302''\\^6043763''\\^6094628'\\^6118392''pn\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	1	(linear adj prediction with residual) same (irregular\$4 same spac\$4 same dominant same peak\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	3	(((("6014622" "5781880" "6113653" "6188978" "6345248" "6243673" "6115887" "6262943" "57834" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397178" "6397178" "6449590" "5802109" "4850022" "5913187" "6052559" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4581102" "4811398" "5206884" "5550859" "5621852" "5699483" "57742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392"),pn. ) ((US-5704003-\$),did, or (EP-764940-\$ or US-6330533-\$),did,)) and (@ad @pd @prad)<=20010629) and (	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	5	[linear adj prediction with residual) or Ip\$4) same (irregular or regular) (((("6014622" "5781880" "6113653" "618897" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "55648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392"),pn. )((US-5704003-S), did. or (EP-764940-S or US-6330533-S), did.)) and (@ad @pd @prad)<=20010629) and ( (linear adj prediction with residual) or Ip\$4 celp) same (irregular or regular)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	2		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
	11	((spac\$4 with (peak\$4 maxim\$6)) and 704/.ccls.) and irregular\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41

-	7	((( spac\$4 with (peak\$4-maxim\$6)) and 704/.ccls.) and irregular\$4) and (celp linear lp\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	1	[(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115887" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397176" "6397176" "6397176" "6397176" "6397176" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "56498989" "4540468" "4544919" "4561102" "4811398" "5206884" "550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "59111012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392"),pn. ] ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad) <=20010629) and (LPS4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and time with warp\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TD8	2004/03/27 07:41
-	1	((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003001" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6349590" "5802109" "4850022" "5913187" "6052559" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6043763" "6049562" "6049562" "618392") pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LPS4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and continus\$6 with linea\$4 with warp54	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	6	====================================	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
	2	((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397176" "6397176" "6349590" "5802109" "4850022" "5913187" "60525559" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6049462" "6118392") pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LPS4 or CELP or Inlear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and ((li948 array\$4 matifs4 group\$4 collect\$4 select\$4 assort\$4)) and (maxim\$5 - peak domina\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	2	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "8802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "521852" "5699483" "574733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and inverse adj3 synthesis with filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41

Search History 3/29/04 11:52:50 AM Page 9 C:\APPS\EAST\Workspaces\09896272.wsp

-	31	(inverse adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629	USPAT;	2004/03/27 07:41
	ì		US-PGPUB;	
			EPO; JPO;	
	i		DERWENT;	
	]		IBM_TDB	
-	15	(time adj warp\$4 and 704/.ccls, and (@ad @pd @prad)<=20010629) and residual with modif\$8	USPAT:	2004/03/27 07:41
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB:	
			EPO; JPO;	
	i		DERWENT:	
			IBM TDB	
	22	(( inverse adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual	USPAT:	2004/03/27 07:41
	22	(( inverse adjo synthesis adjo linter) and 704/.ccis. and (@ad @pd @prad)<-20010629) and residual		2004/03/27 07:41
			US-PGPUB;	
	1		EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
-	5	(((time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual with modif\$8) ((( inverse	USPAT;	2004/03/27 07:41
		adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual)) and (linear with	US-PGPUB;	
ļ		extract\$4)	EPO; JPO;	
			DERWENT:	
			IBM TDB	
-	13	(((time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual with modif\$8) (((inverse	USPAT:	2004/03/27 07:41
	"	adi3 synthesis adi3 filter) and 704/.ccis. and (@ad @pd @prad)<=20010629) and residual)) and ((linea\$4	US-PGPUB:	1 200 47 007 27 07 .41
		LPS4 celp rcelp) with extractS4)	EPO: JPO:	İ
		Ersa celp (celp) with extraction)	DERWENT:	
		(III 0 4 4 5 7 9 4 4 1 9 4 4 4 4 9 4 4 9 4 4 9 4 4 9 4 4 9 4 4 9 4 9 4 9 4 9 4 9 4 9 4 9 4 9 4 9 4 9 4 9 4 9 4	IBM_TDB	
-	4	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	USPAT;	2004/03/27 07:51
		US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	US-PGPUB;	
		US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and (inverse with synthesis	EPO; JPO;	ì
		with filter) same (linear coefficient) same residual	DERWENT;	
1			IBM_TDB	
-	3	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	USPAT:	2004/03/27 07:51
		US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	US-PGPUB:	l
!		US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and (inverse with synthesis	EPO: JPO:	
		with filter) with (linear coefficient) with residual	DERWENT:	
ļ	1		ІВМ ТОВ	
١.	16	(US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	USPAT:	2004/03/28 14:40
	"	US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	DERWENT	2004/03/20 14.40
		US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.	DEKWENT	
	4	US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.   ((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	LUCDAT.	2004/02/00 45 55
•	4		USPAT;	2004/03/28 15:21
		US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	US-PGPUB;	i
	]	US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and residual with (peak high	EPO; JPO;	
	1	maxima maximum)	DERWENT;	
	1		IBM_TDB	
-	1	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	USPAT;	2004/03/28 15:23
	1	US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	US-PGPUB;	
	1	US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and residual with (segment\$4	EPO: JPO:	
	1	separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)	DERWENT:	
			IBM TDB	

•	2	\((("6014622" "57818\) 6113653" "6188978" "6345248" "6243673" "6115687" "6262943" "577633" "5307460" "5657419" "5799271" "603004" "6003001" "610494" "6205443" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5774856" "5774856" "57797119" "5812966" "59099515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. \) \((US-5704003-8).\) \(di) \( (US-5704003-8).\) \(di) \( (IS-5704003-8).\) \(di) \(	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 16:00
-	31	704/.ccls, and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/28 15:39
-	31	(704/.ccis. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/28 15:57
-	21	(704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) not overlap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:50
-	2	((704/ccls, and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (non-overlap\$4 nonoverlap\$4 non adj overlap\$4)) and (704/.ccls, and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) not overlap)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/28 15:51
-	0	((704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) not overlap) and overlap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/28 15:51
-	2	high)) and (non-overlap\$4 nonoverlap\$4 non adj overlap\$4)) and overlap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:51
-	4	(704/.ccls, and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (non-overlap\$4 nonoverlap\$4 non adj overlap\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:51

Search History 3/29/04 11:52:50 AM Page 11 C:\APPS\EAST\Workspaces\09896272.wsp

-	5	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT;	2004/03/28 15:57
	1	"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	l i
l.	1	"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	!
I	1	"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TDB	
ı	i	"6028541" "6041302" "6043763" "6094628" "6118392").pn.	<u>-</u>	1
1		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
l		ideal\$4 with signal		
l .	10	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT:	2004/03/28 16:03
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB:	2004/03/20 10:03
	ŀ	"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO: JPO:	1
	1			1
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	1
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.		
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
		residual same (segment\$4 separat\$4 divid\$4 pars\$4) same (peak amplitude maxima maximum highest high)		
-	1		USPAT:	2004/03/29 08:01
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
	1	**************************************	EPO: JPO:	
	1	"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT:	
		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TDB	l l
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.	.5	
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		i
	1	residual same (segment\$4 separat\$4 divid\$4 pars\$4) same (peak amplitude maxima maximum highest high)		
	I .	with (one single)		
	36		HODAT	0004/00/00 40:04
1	30	704/.ccls. and residual same (segment\$4 separat\$4 divid\$4 pars\$4) same (peak amplitude maxima	USPAT;	2004/03/28 16:04
		maximum highest high) with (one single)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
1 -	34		USPAT;	2004/03/28 16:04
		maximum highest high) with (one single)) and (@ad @pd @prad)<=20010629	US-PGPUB:	
	]	· · · · · · · · · · · · · · · · · · ·	EPO: JPO:	
1			DERWENT:	l l
1			IBM TDB	
1.	34	704/.ccls. and residual same (segment\$4 separat\$4 divid\$4 pars\$4) same ((peak amplitude maxima	USPAT:	2004/03/28 16:05
1		maximum highest high) with (one single)) and (@ad @pd @prad)<=20010629	US-PGPUB:	200-7700720 10.00
			EPO: JPO:	1
İ			DERWENT:	
				1
L	11		IBM_TDB	L